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PTO-1590 (8-01)

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DIALOG(R) File 345: Inpadoc/Fam. & Legal Stat
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Basic Patent (No, Kind, Date): US 5732539 A 19980331
                                                      <No. of Patents: 002>
Patent Family:
    Patent No
                                 Applic No
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                Kind Date
    US 5732539
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                                   US 641505
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                                                        19960501
                   Α
    US 5845474
                        19981208
                                    US 928829
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                                                        19970912
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Priority Data (No, Kind, Date):
   US 641505 A 19960501
US 928829 A 19970912
    US 641505 A2 19960501
PATENT FAMILY:
UNITED STATES OF AMERICA (US)
  Patent (No, Kind, Date): US 5732539 A
                                        19980331
    RETROFIT CHAIN SICKLE CUTTER (English)
    Patent Assignee: LOFTUS THOMAS E (US)
    Author (Inventor): LOFTUS THOMAS E (US)
    Priority (No, Kind, Date): US 641505 A
                                             19960501
    Applic (No, Kind, Date): US 641505 A 19960501
    National Class: * 056291000; 056244000; 056292000
    IPC: * A01D-034/83
    Derwent WPI Acc No: * G 98-229324; G 98-229324
    Language of Document: English
  Patent (No, Kind, Date): US 5845474 A
                                          19981208
    RETROFIT CHAIN SICKLE CUTTER (English)
    Patent Assignee: LOFTUS THOMAS E (US)
    Author (Inventor): LOFTUS THOMAS E (US)
    Priority (No, Kind, Date): US 928829 A
                                            19970912; US 641505 A2
      19960501
    Applic (No, Kind, Date): US 928829 A
                                           19970912
   Addnl Info: 5732539 Patented
   National Class: * 056291000; 056244000; 056292000
    IPC: * A01D-034/83
   Derwent WPI Acc No: * G 98-229324; G 99-058525; G 99-058525
   Language of Document: English
UNITED STATES OF AMERICA (US)
 Legal Status (No, Type, Date, Code, Text):
   US 5732539
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                              (APPL. DATA (PATENT))
                              US 641505 A
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                                               PATENT
   US 5845474
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                              US 641505 A2 19960501
                                               APPLICATION DATA (PATENT)
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                        20000530 US RF
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Karen Lehman EIC3600 306-5783 June 27, 2002

### ?prt nonstop full legalall 1/1 PLUSPAT - (C) QUESTEL-ORBIT PN - US5845474 A 19981208 [US5845474] TI - (A) Retrofit chain sickle cutter IN - (A) LOFTUS THOMAS E (US) AP - US92882997 19970912 [1997US-0928829] PR - US64150596 19960501 [1996US-0641505] - US92882997 19970912 [1997US-0928829] IC - (A) A01D-034/83EC - A01D-034/83C PCL - ORIGINAL (O): 056291000; CROSS-REFERENCE (X): 056244000 056292000 DT - Corresponding document CT - US-536464; US-673424; US-682875; US-779994; US1580668; US1851840; US2199642; US2793487; US2821060; US3006129; US3029584; US3034276; US3681901; US4070810; US4622804; US4656819; US5732539 STG - (A) United States patent AB - A chain assembly for a cutting and mowing apparatus. There are a plurality of parallel chain members and knife members spaced from one another in pairs and connected by link members. 1/1 LGST - (C) LEGSTAT PN - US 5845474 [US5845474] AP - US 928829/97 19970912 [1997US-0928829] DT - US-P ACT - 19970912 US/AE-A APPLICATION DATA (PATENT) {US 928829/97 19970912 [1997US-0928829]} - 19981208 US/A PATENT - 20000530 US/RF REISSUE APPLICATION FILED 20000331 UP - 2000-23 1/1 CRXX - (C) CLAIMS/RRX PN - 5,845,474 A 19981208 [US5845474] PA - Loftus, Thomas E ACT - 19991112 REASSIGNED ASSIGNMENT OF ASSIGNOR'S INTEREST Assignor: LOFTUS, THOMAS E. DATE SIGNED: 11/04/1999 Assignee: ADVANCED INNOVENTIONS, INC. 224 COUNTY ROAD OE IVESDALE, ILLINOIS 61851 Reel 010377/Frame 0118 Contact: GARDNER, CARTON & DOUGLAS BRIAN C. RUPP 321 NORTH CLARK SUITE 3400 CHICAGO, IL 60610 - 20000331 REISSUE REQUESTED Issue Date of O.G.: 20000530 Reissue Request Number: 09/541162 Examination Group responsible for Reissue process: 3671

1/1 PAST - (C) Thomson Derwent

AN - 200022-001230 PN - 5845474 A [US5845474] OG - 2000-05-30

ACT - REISSUE APPLICATION FILED

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1 OF 1 PATENT

## UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

#### 5 8 4 5 4 7 4

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December 8, 1998

#### Retrofit chain sickle cutter

REISSUE: March 31, 2000 - Reissue Application filed Mar. 31, 2000 (O.G. May 30, 2000) Ex. Gp.: 3671; Re. S.N. 09/541,162May 30, 2000

APPL-NO: 08928829

FILED-DATE: September 12, 1997

GRANTED-DATE: December 8, 1998

CORE TERMS: chain, cutting, drive, sickle, knife, knives, blade, sprocket,

orifice, pulley ...

5845474 OR 5,845,474

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